Part B. Purification of copper electrolytically

1. Thoroughly clean a copper strips using emery paper. Rinse carefully with distilled water.

2. Dry both copper strips and then weighed them.

3. In copper (II) sulphate solution, connect the cleaned copper to negative supply (cathode) and the other strip to positive supply using crocodile clips (do not immerse clips in the solution at any stage).

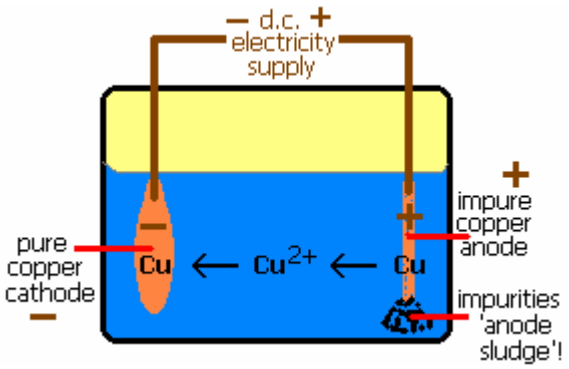

Figure 1: Refining Copper by electrolysis (Exp. 5)

4. Switch on the voltage, run the electrolysis for 15 minutes.

5. Start observing the reaction that is taking place.

6. Carefully remove the electrodes from the solution. Rinse them with distilled water, dry and weigh them again.